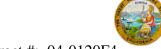
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-004029 Address: 333 Burma Road **Date Inspected:** 29-Aug-2008

City: Oakland, CA 94607

OSM Arrival Time: 1400 **Project Name:** SAS Superstructure **OSM Departure Time:** 2300 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name: CWI Present: Yes No N/A **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component:** OBG

Summary of Items Observed:

UT

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector received notification from day shift task leader of Ultrasonic Inspection for tack welds on deck panels. The inspection is preliminary prior to using the phased array system to verify tack welds for crack indications. This QA inspector performed UT on deck panel DP 020-001 weld 1 scanned 15 locations with 1 indication, weld 2 scanned 15 locations with 1 indications and weld 3 scanned 15 locations with 0 indications. DP083-001 weld 1 scanned 18 locations with 8 indication. weld 2 scanned 18 locations with 7 indications and weld 3 scanned 18 locations with 5 indications, weld 4 scanned 18 locations with 5 indications, weld 5 scanned 18 locations with 3 indications and weld 6 scanned 18 locations with 9 indications. Total tack welds inspected were 153 with 34 tack welds marked with indications for further review with the phase array system. This QA inspector was informed by the task leader that no TL-6027 was required at this time.

Summary of Conversations:

no conversations today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, 1-381-694-2685, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Inspected By: Riley,Ken Quality Assurance Inspector **Reviewed By:** Carreon, Albert QA Reviewer